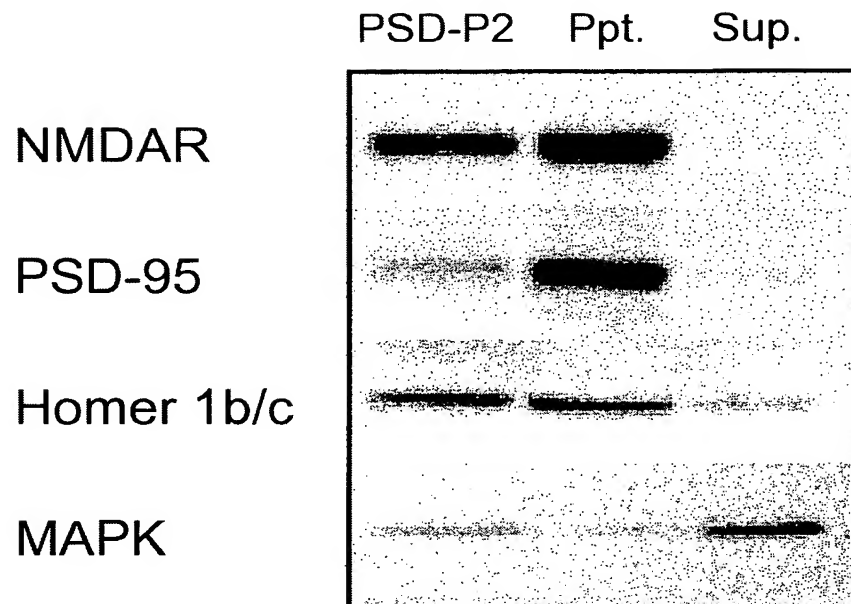


FIG. 1



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## FIG. 2

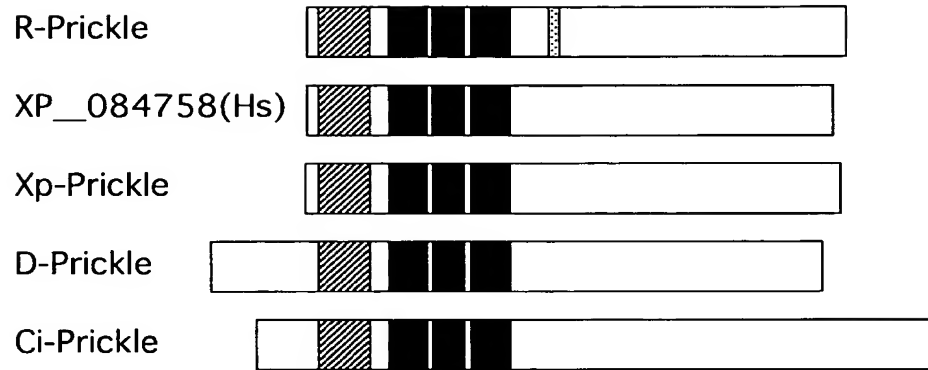
R-Prickle	1	VVTV--MPLE	MEKTI SK---	-----	-----	-----	-----	-----	-----
D-Prickle	1	MDTPNQMPVE	LERPI SRTPL	TQI SYLQKI P	TLPRHFSPSG	QGLATPPALG			
R-Prickle	51	-----	-----	-----	-----	-----	-----	-----	-----
D-Prickle	51	SGGMGLPSSS	SASALYAAQA	AAGI LPTSPL	PLQRHQQYLP	PHHQHPGAG			
R-Prickle	101	-----	-----	-----	-----	-----	-----	-----	-----
D-Prickle	101	MGP GPGSGAA	AGPPLGPQYS	PGCSANPKYS	NAQLPPPPHH	HHQLSPALST			
R-Prickle	151	-----LM-----	-----	-----FD	FORNSTSDDD	SGCALEEYAW			
D-Prickle	151	PSPPSLLHHP	AGGTSSASAH	APFLGGPHMD	MQRQSHSDDD	SGCALEEYTW			
R-Prickle	201	VPPGLKPEQV	HQYYSCLPEE	KVPYVNSPGE	KLRI KQLLHQ	PPHDNEVRY			
D-Prickle	201	VPPGLRPDQV	RLYFSQIPDD	KVPYVNSPGE	QYRVRQLLHQ	PPHDNEVRY			
R-Prickle	251	CNSLDEEEKR	ELKLF SNQRK	REN LG RGNVR	PFPVTMTGAI	DEQC GGQIKG			
D-Prickle	251	CHSLTDEERK	ELRLFSTQRK	RDALGRGNVR	QL---MSARP	DGCDLIT			
R-Prickle	301	GDI AVFASRA	GHGI CWHPPC	FI CTVCNELL	VDLI YFYQDG	KI YCGRHHAE			
D-Prickle	301	GDI AVFATRL	GPNASWHPAC	FAGSVCRELL	VDLI YFHRDG	RMYCGRHHAE			
R-Prickle	351	CLKPRCAACD	EI IFADECTE	AEGRHWMHRH	FCFECETVL	GGQRYI MKEG			
D-Prickle	351	TLKPRCSACD	EI IFADECTE	AEGRAWHMNH	FGCHECDKQL	GGQRYI MREG			
R-Prickle	401	RPYCHCFES	LYAEYCDTCA	QHIGIDQGQM	TYDGQHWAT	ENCFCCHCK			
D-Prickle	401	KPYCLHCFDA	MFGEYCDYCG	EGIGVDQGQM	SHDGQHWAT	DECFSNCTR			
R-Prickle	451	KSL LGRPFLP	KQGQIFCSRA	CSAGEDPNGS	DSSDSAF---	-----QNARA			
D-Prickle	451	CSL LGRFLP	RRGGIYCSA	CSKGEPPTPS	DSSGTGMYTT	PTPPTQGVRP			
R-Prickle	501	K-ESRRSAKI	GKNKGKTEET	MLNQHSLQV	SSNRLSADVD	PLSVQMDLLS			
D-Prickle	501	HPQAPLPARI	PSSHASSP	MSPOQQQH-	-----QATFN	QAMYQMQSQQ			

PET  
DOMAINLIM  
DOMAIN

## FIG. 3

R-Prickle	551	LSSQTPSLNR	DPI	WRSRDEP	FHYGNKMEQN	QSQSPLOLLS	QCNI	RTSYSP
D-Prickle	551	MEAAGGLVDQ	SKSYAASDSD	AGVVKDLEHG	GHMGGGD	TD	FSGGRASSTS	
R-Prickle	601	GGQAAGAOPD	MWAKHFSNPK	RSSSMALKGH	GGSEI	QECRE	DYYP	GRRLMSQ
D-Prickle	601	QNLSPNLSPG	DFQPHFL	-PK	---PMELQ	---	RD	GVY-----
R-Prickle	651	ESYSDMSSQS	FSETRGSI	PV	PKYEEEE--	EEEEEGGI	ST	QQCRPRRLS
D-Prickle	651	-NFNEMSSN-	LDAAWPAKPT	NSYHLQRQLL	ENPHTASMP	E	LAGKL	VAPPA
R-Prickle	701	SLKYTEDMTP	TEQTPRGSM	E	SLALS	NATGL	SAEGGAKRQE	HLSRF
D-Prickle	701	HMQHLSQLHA	VSSHQFQHE	E	YADI	VHPP--	-----PPPPG	EI
R-Prickle	751	SKDSGMNVSE	KLSNMGTLS	SMQFRSAESV	RSLLSAQQYQ	EMEGNLHOLS		
D-Prickle	751	SVASTALPPE	LMGSPHSA	DRSLNTPMST	QSASHAPHP	-----	VSI	LS
R-Prickle	801	NPLGYRDLQS	HGRMHQSFD	E	DG---	GI	ASS	KLPQGEVHI
D-Prickle	801	GASSSSPMSG	EPAKKKGVRF	E	GI	PDTLPRS	RSYSGNGAGT	SSGGERERDR
R-Prickle	851	TTSRDDN-RR	FRPHRSRRSR	RSRSDNALHL	ASEREVI	ARL	KDRPPLRARE	
D-Prickle	851	DKDKEGGGRH	GHGHSRRRR	RRKSSSS---	SSHHRSGSGH	RSHSTTRA-	D	
R-Prickle	901	DYDQFVR-QR	SFQESMGQGS	RRDLYSQCP-	RTVSDLALQN	AFGERWGPYF		
D-Prickle	901	TYAPAPLSS	SYQGPPSVLQ	AANLVHESPS	RQQRERERER	---	ERKES-	
R-Prickle	951	TEYDWCSTCS	SSSES	SDNEGY	FLGEPI	POP-	----	ARLRYV
D-Prickle	951	EESDWCSTCS	SSS-	SSSEY	MMYQLPQR	HYGGVRSYV	PNDAL	-----
R-Prickle	1001	SYGV-PKSST	LGGRGQLHSR	KROKSKNCI	I	S		
D-Prickle	1001	AYDRKRKPSE	LGG-	-----	--DKDKNCI	I	S	

## FIG. 4

 : PET DOMAIN : LIM DOMAIN : REGIONS IDENTIFIED BY  
MASS SPECTROMETRY

Hs : HUMANS

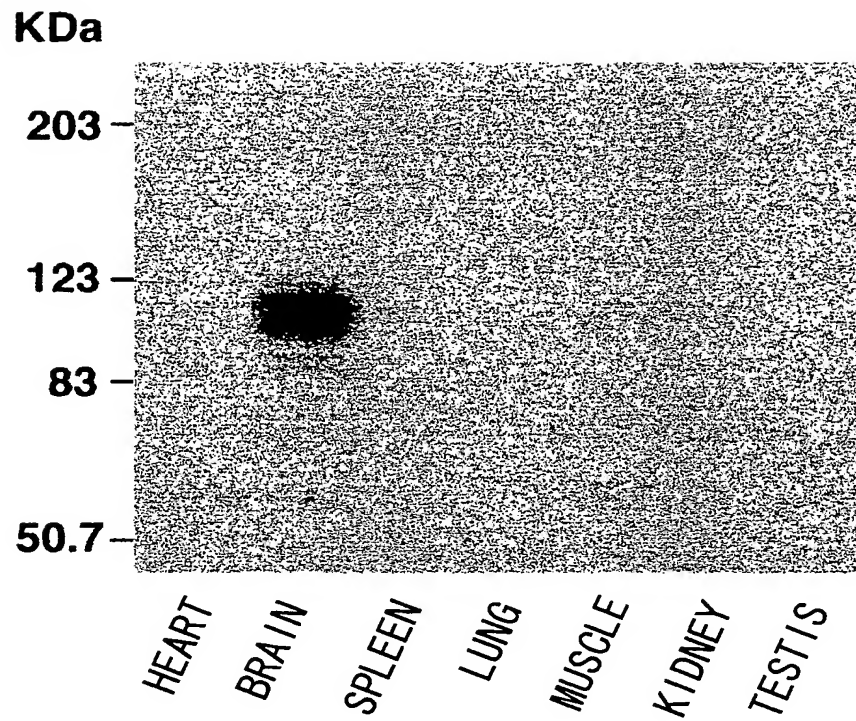
XP : Xenopus

D : Drosophila

Ci : Ciona intestinalis

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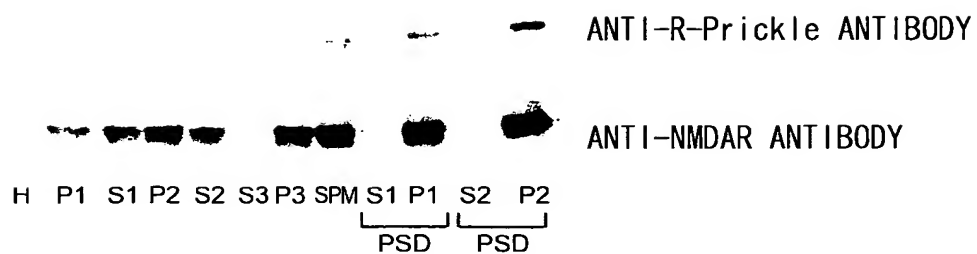
FIG. 5



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## FIG. 6



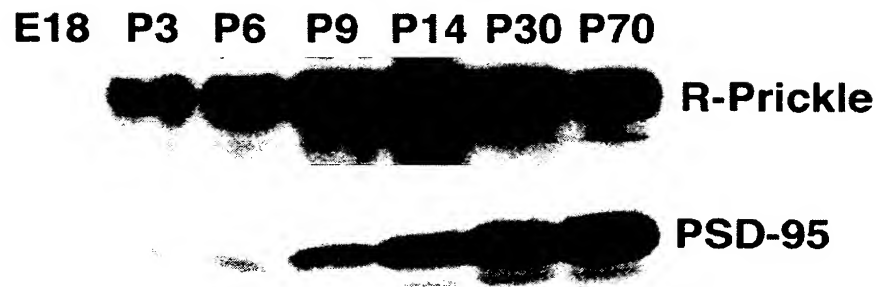
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FIG. 7



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## FIG. 8

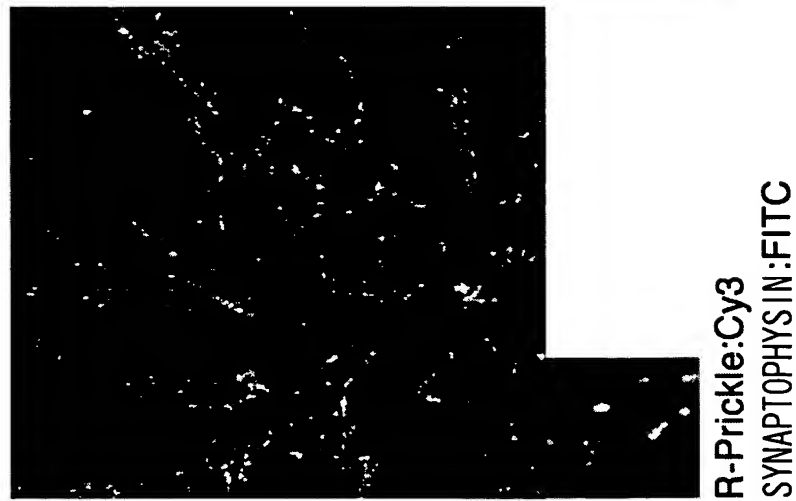


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FIG. 9



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